

## AMENDMENTS TO THE CLAIMS

Claims 1-29 were pending at the time of the Office Action.

Claims 1, 4-6, 10, 11, 13-18, 22-26 and 28 are amended.

Claims 1-29 remain pending.

## CLAIMS

1. (Currently Amended) A method comprising:  
transmitting with a second mote at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes, wherein in the first set of motes excludes the second mote.
2. (Original) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: transmitting at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index.
3. (Original) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: transmitting at least a part of a mote-addressed routing/spatial index.
4. (Currently Amended) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: ~~effecting the transmitting part of the aggregate of one or more mote-addressed content indexes of the first set of motes to~~ with a reporting entity.
5. (Currently Amended) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: obtaining access to the one or more mote-addressed content indexes of the first set of motes, wherein the mote-addressed content indexes of the first set of motes comprises memory addresses of content stored in a memory in the first set of motes.

6. (Currently Amended) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: effecting the transmitting part of the aggregate of one or more mote-addressed content indexes of the first set of motes in response to a schedule.

7. (Original) The method of claim 6, wherein said effecting the transmitting in response to a schedule further comprises: receiving the schedule.

8. (Original) The method of claim 6, wherein said effecting the transmitting in response to a schedule further comprises: deriving the schedule.

9. (Original) The method of claim 6, wherein said effecting the transmitting in response to a schedule further comprises: deriving the schedule at least in part from at least one of an optimized query or a stored query.

10. (Currently Amended) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: effecting the transmitting part of the aggregate of one or more mote-addressed content indexes of the first set of motes in response to a query.

11. (Currently Amended) The method of claim 1, ~~wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises~~ comprising: encrypting part of the aggregate of one or more mote-addressed content indexes of the first set of motes utilizing at least one of a private or a public key.

12. (Original) The method of claim 1, wherein said transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes further comprises: decoding at least a part of one or more mote-addressed content indexes utilizing at least one of a public key or a private key.

13. (Currently Amended) A system comprising:

~~means a transmitter controlled by a second mote for to transmitting~~ at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes, wherein the first set of motes excludes the second mote.

14. (Currently Amended) The system of claim 13, wherein said ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ transmitter further comprises: means for transmitting at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index.

15. (Currently Amended) The system of claim 13, wherein said ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ transmitter further comprises: means for transmitting at least a part of a mote-addressed routing/spatial index.

16. (Currently Amended) The system of claim 13, wherein said ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ transmitter further comprises: a reporting entity effecting the transmitting.

17. (Currently Amended) The system of claim 13, wherein said ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ transmitter further comprises: a reporting entity obtaining access to the one or more mote-addressed content indexes of the first set of motes.

18. (Currently Amended) The system of claim 13, wherein said transmitter ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ further comprises: means for effecting the transmitting in response to a schedule.

19. (Original) The system of claim 18, wherein said means for effecting the transmitting in response to a schedule further comprises: means for receiving the schedule.

20. (Original) The system of claim 18, wherein said means for effecting the transmitting in response to a schedule further comprises: means for deriving the schedule.

21. (Original) The system of claim 18, wherein said means for effecting the transmitting in response to a schedule further comprises: means for deriving the schedule at least in part from at least one of an optimized query or a stored query.

22. (Currently Amended) The system of claim 13, wherein said transmitter ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ further comprises: a reporting entity effecting the transmitting in response to a query.

23. (Currently Amended) The system of claim 13, wherein said transmitter ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ further comprises: means for encrypting utilizing at least one of a private or a public key.

24. (Currently Amended) The system of claim 13, wherein said transmitter ~~means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes~~ further comprises: means for decoding at least a part of one or more mote-addressed content indexes utilizing at least one of a public key or a private key.

25. (Currently Amended) A system comprising:  
a second mote; and  
means for transmitting at least a part of an aggregate of one or more mote-addressed content indexes of a first set of motes, the first set of motes excluding the second mote, and said means for transmitting being disposed proximate to a portion of said second mote.

26. (Currently Amended) A system comprising:  
at least one mote; and  
at least one multi-mote reporting entity resident in said at least one mote, said at least one multi-mote reporting entity configured to report at least a part of a multi-mote content index stored in motes other than the at least one mote.

27. (Original) The system of claim 26, wherein said multi-mote content index further comprises: at least one of a sensing function, a control function, or routing/spatial information of a mote-appropriate device.

28. (Currently Amended) The system of claim 26, wherein said at least one multi-mote reporting entity ~~further comprises: a processor~~ is configured to transmit at least one of a sensing function, a control function, or routing/spatial information.

29. (Original) The system of claim 26, wherein said at least one mote comprises: at least one of a processor, a memory, or a communications device formed from a substrate.